MINDS, MACHINES AND ALL THAT

Oxford 20.11.03

Mathematics & the Mind

Transparencies

pull up
cover bottom – open at
end of first quote
then immediately show 2

1. Truth and Value
2. The case of mathematics
3. The Lucas – Penrose argument
3a
3b
4 Sorites arithmetic
4a
4b
5. cM in Sorites arithmetic
(its unprovability)

6. Any → all
plum pudding example
" – (from ~~[illegible]~~ "it follows"
to the middle show
5 shortly

6a – The Truth of cM
7. Peano's response – Gödel's theorem
7a
8 The irrelevance of Peano's response
– Russell paraphrase

9. Advantage of my argument over
Lucas – Penrose
10 Are minds machines?
11 Is Cantor's Paradise just La La Land?